

Fig. 1 is a block diagram of a radio frequency identification system. It shows an Interrogator (12) connected to an antenna (16). A signal (20) is transmitted from the antenna (16) to a tag (18). The tag (18) is connected to a circuit (24) which includes a rectifier (26) and a control circuit (28). The control circuit (28) is connected to a signal (14) and a signal (30). The signal (30) is transmitted from the tag (18) back to the Interrogator (12) via the antenna (16). The signal (30) is shown as a modulated wave, while the signal (20) is a continuous wave. Arrows indicate the direction of signal flow: from the Interrogator to the tag and back.

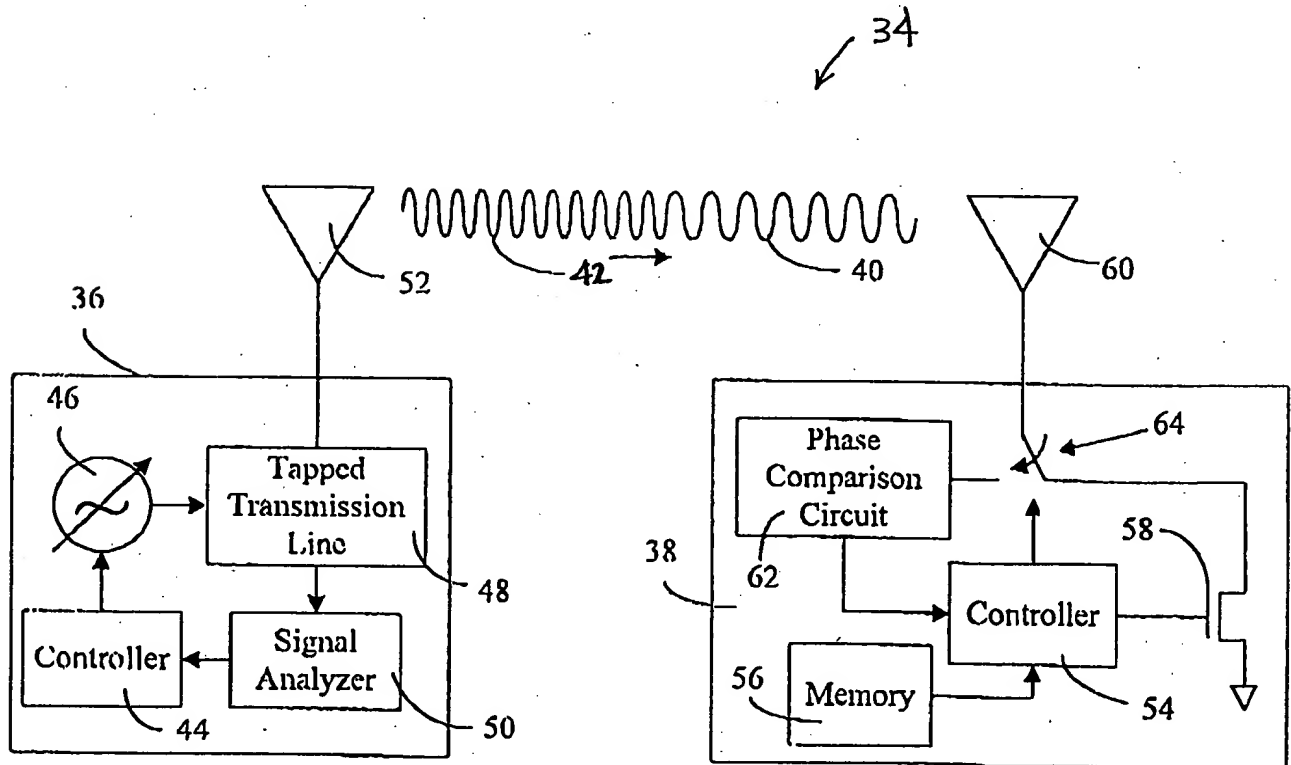


Figure 2

009090" 86688560

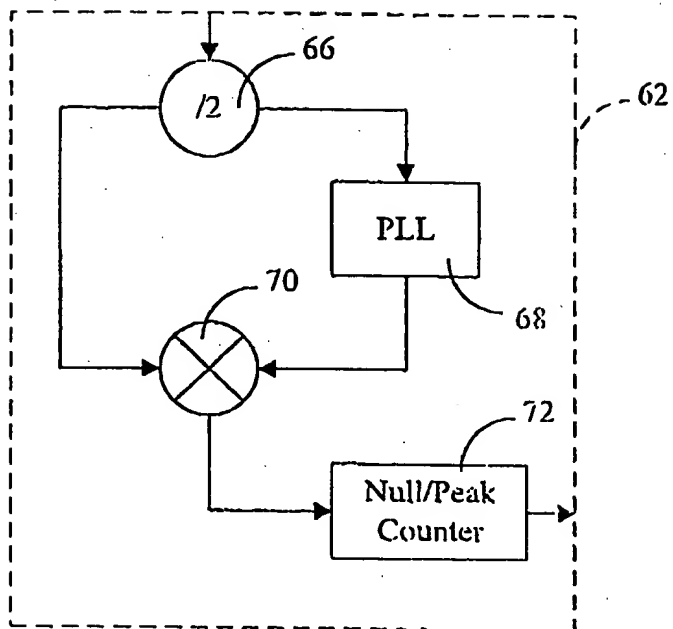


Figure 3

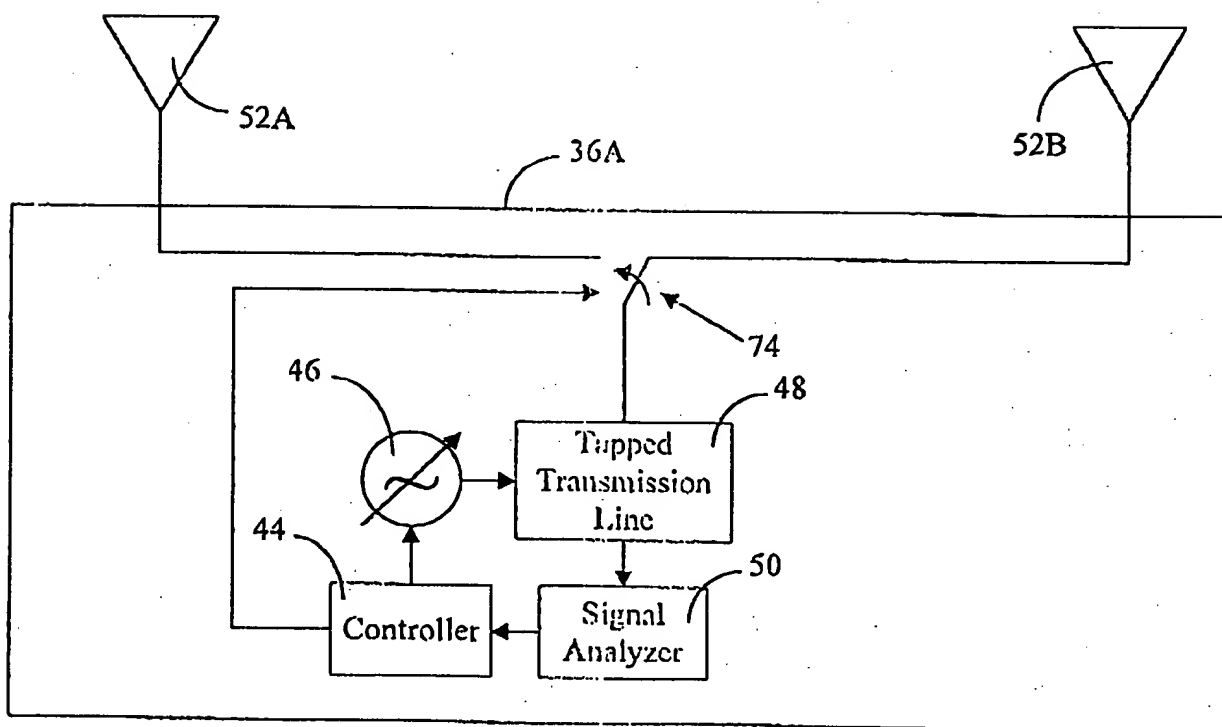


Figure 4

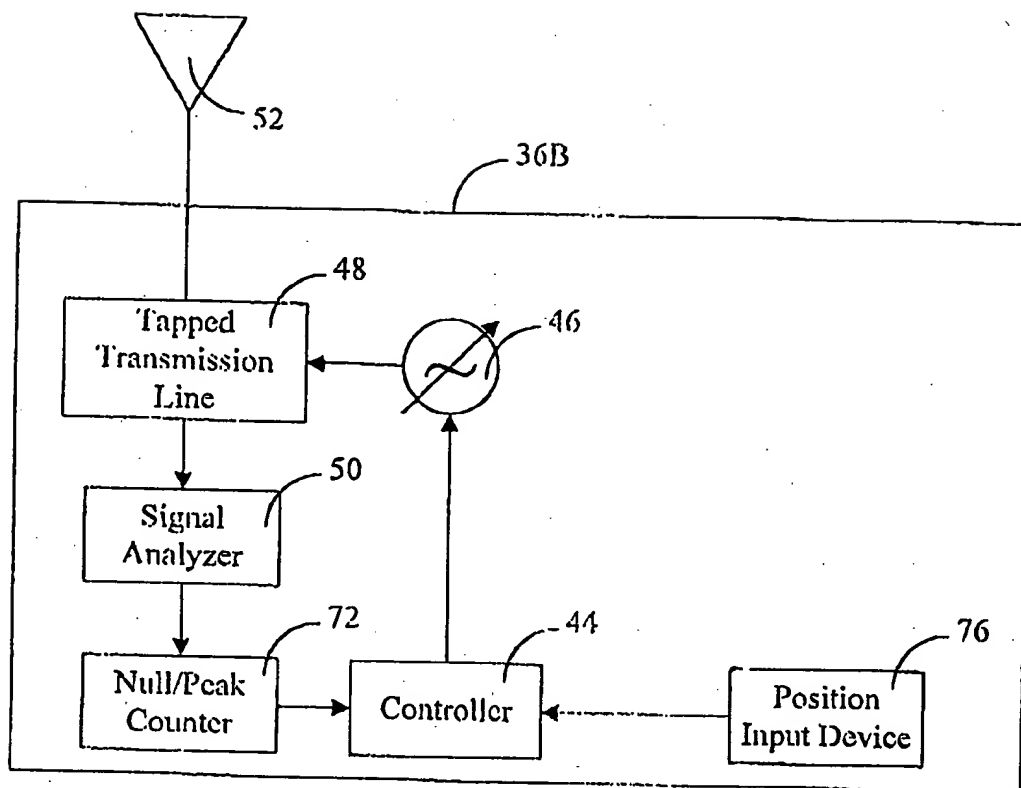


FIG. 5

005030" B6B3560